

SUPPORT BRACKET/BACKUP SHOE ASSEMBLY FOR
WEB-CLEANING CARTRIDGE

Abstract of the Disclosure

5 A cleaning station for removing particulate material from a moving web in an electrostatic printer/copier includes a customer-replaceable web-cleaning cartridge and a support bracket/backup shoe assembly. The latter serves to support the cleaning cartridge for movement between an operative position in which web-cleaning components of the cartridge exert a substantially uniform pressure on the web, and a service position in which the cartridge is sufficiently spaced from the web to facilitate replacement and/or service. Preferably, a bracket that supports the cleaning cartridge is pivotally connected to a backup shoe that is fixed with respect to the web path and exerts a uniform pressure on the rear surface of the web, opposite that contacted by the cleaning cartridge. A quick disconnect feature enables the cartridge-supporting bracket to be de-coupled from the back-up shoe and removed from the instrument.

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